

PERMITTEE NAME/ADDRESS  
(Include Facility Name/Location if different)

US Department of Interior  
NAME Bureau of Reclamation  
ADDRESS 826 East Front Street, Suite A  
Port Angeles WA 98362-3613

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)

WA-002666-2

PERMIT NUMBER

(17-19)

001

DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

Influent and effluent flows and other parameters are averaged for days that discharges occurred.

FACILITY Elwha Water Treatment Plant

LOCATION Elwha River/ Lat: 48° 10' 10" N/Long: 123° 33' 7" W.

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2011	10	01		2011	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)



PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				NO. OF ANALYSES (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53)		(54-61)	(38-45)	(46-53)		(54-61)			
		AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY	UNITS			
Flow Influent [0056 7 0 0]	SAMPLE MEASUREMENT	45.9	57.8	CFS	*****	*****	*****		0	continuous	recording
	PERMIT REQUIREMENT	Report	Report							Continuous	Recording
Flow Effluent [0056 1 0 0]	SAMPLE MEASUREMENT	1.1	1.6	CFS	*****	*****	*****		0	continuous	recording
	PERMIT REQUIREMENT	Report	Report							Continuous	Recording
Turbidity Influent [ 00070 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	65	144	NTU	0	continuous	recording
	PERMIT REQUIREMENT					Report	Report			Continuous	Recording
pH Influent [00400 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	7.8	8.2	s.u.	0	daily	grab
	PERMIT REQUIREMENT					6.5 - 8.5	8.5			5/ week	Grab
pH Effluent [00400 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	7.7	8.1	s.u.	0	daily	grab
	PERMIT REQUIREMENT					6.5 - 8.5	8.5			5/ week	Grab
Temperature Influent [00010 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	9.0	10.9	°C	0	daily	grab
	PERMIT REQUIREMENT					Report	Report			5/Week	Grab
Temperature Effluent [00010 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	9.2	11.1		0	daily	grab
	PERMIT REQUIREMENT					Report	Report			5/Week	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael S Greene, PE  
Project/Plant Manager, Veolia Water N.  
America Operating Services

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY

KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

360 417-1180

DATE

2011 11 09

AREA CODE

NUMBER

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

The Elwha River WTP (Sedimentation) is currently in a "mothball" or stand-by operating mode. It is operated on an intermittent basis for commissioning and equipment exercise.

Computer Reproduction EPA Form 3320-1

Page 1 of 4

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11/14/11  
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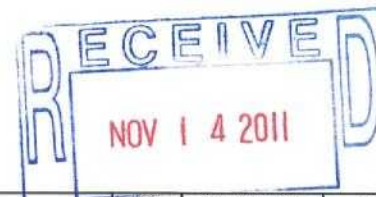
**NAME** US Department of Interior  
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**FACILITY** Elwha Water Treatment Plant  
**LOCATION** Elwha River/ Lat: 48° 10' 10" N/Long: 123° 33' 7" W.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)**

(2-16)	(17-19)
WA-002666-2	001
PERMIT NUMBER	DISCHARGE NUMBER

**Sedimentation Plant (non-wastewater)**



MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2011	10	01		2011	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				U.S. EPA OFFICE OF COMPLIANCE AND ENFORCEMENT	FREQUENCY ANALYSIS	SAMPLE TYPE
		(46-53) AVERAGE MONTHLY	(54-61) MAXIMUM DAILY	UNITS	(38-45) MINIMUM	(46-53) AVERAGE MONTHLY	(54-61) MAXIMUM DAILY	UNITS			
Fecal Coliform Influent [31625 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	1	1		0	10/Mo	grab
	PERMIT REQUIREMENT					Report	Report	#/100 ml		10/Month	Grab
Fecal Coliform Effluent [31625 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	1	1		0	10/Mo	grab
	PERMIT REQUIREMENT					Report	Report	#/100 ml		10/Month	Grab
Total Suspended Solids Influent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	22,347	34,025		*****	83	115		0		
	PERMIT REQUIREMENT	Report	See I.B.3 & I.B.4	Lb/Day		Report	Report	mg/L		Daily	24-Hr composite
Total Suspended Solids Effluent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	10,582	13,959		*****	1,816	2,536		0		
	PERMIT REQUIREMENT	Report	45,012	Lb/Day		Report	Report	mg/L		Daily	24-Hr composite
Total Suspended Solids Influent [00530 7 0 0] Daily Average Influent Turbidity < 50 NTU	SAMPLE MEASUREMENT	5.28	11.75		*****	35.0	86.0		0	Day of discharge	comp
	PERMIT REQUIREMENT	Report	22	#/CFS River		Report	Report	mg/L		Daily	24-Hr composite
Total Suspended Solids Effluent 00530 P 0 0 Daily Average Influent Turbidity ≤ 50 NTU	SAMPLE MEASUREMENT	5.39	14.05		*****	971.1	1,882.8		0	Day of discharge	comp
	PERMIT REQUIREMENT	Report	22	#/CFS River		Report	Report	mg/L		Daily	24-Hr composite
Settleable Solids Influent [00545 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤ 1.0	≤ 1.0		0	3/month	comp
	PERMIT REQUIREMENT					Report	Report	ml/L		1/month	24-Hr composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Michael S Greene, PE Project/Plant Manager, Veolia Water N. America Operating Services  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.		TELEPHONE		DATE		
			360	417-1180	2011	11	09
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



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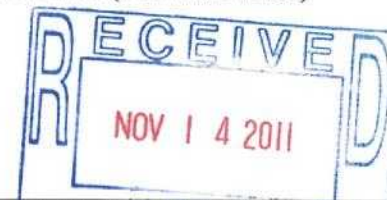
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Settleable Solids Effluent [00545 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	6.0	6.0		0	1/month	comp
	PERMIT REQUIREMENT					Report	Report	ml/L		1/month	24-Hr composite
BOD <sub>5</sub> Effluent [00310 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	8.0	8.0		0	1/month	comp
	PERMIT REQUIREMENT					Report	Report	mg/L		1/month	24-Hr composite
Alkalinity Effluent [0410 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	36	40	mg/L	0	1/month	comp
	PERMIT REQUIREMENT					Report	Report	as CaCO <sub>3</sub>		1/month	24 hr com.p
Total Dissolved Solids Influent [70295 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	61	74		0	2/month	comp
	PERMIT REQUIREMENT					Report	Report	mg/L		1/month	24-Hr composite
Total Dissolved Solids Effluent [70295 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	53	79		0	2/month	comp
	PERMIT REQUIREMENT					Report	Report	mg/L		1/month	24-Hr composite
Total Aluminum Influent [01105 7 0 0]	SAMPLE MEASUREMENT	ND	ND		*****	≤ 1.0 (ND)	≤ 1.0 (ND)		0	1/month	comp
	PERMIT REQUIREMENT	Report	Report	lb/Day		Report	Report	mg/L		1/month	24-Hr composite
Total Aluminum Effluent [01105 1 0 0]	SAMPLE MEASUREMENT	61.9	61.9		*****	14.0	14.0		0	1/month	comp
	PERMIT REQUIREMENT	Report	Report	lb/Day		Report	Report	mg/L		1/month	24-Hr composite

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		AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY	UNITS			
Dissolved Oxygen Influent [00300 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	12.6	13.1		0	DAILY	grab
	PERMIT REQUIREMENT					Report	Report	mg/L		1/Month	Grab
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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## INFLUENT TURBIDITY ABOVE 50 NTU

Day	Influent Turbidity	Flow, Daily, Influent	flow/daily, at outfall	flow/daily, at outfall	River Flow	TSS Influent	TSS Influent Mass	TSS Effluent (001)	TSS Effluent Mass	Mass Limit
	NTU	MGD	MGD	CFS	CFS	mg/L	Lbs/Day	mg/L	Lbs/Day	lbs/day
10/12/2011	56.2	31.58	1.01	1.56	2,660	45.2	11,906	1,266	10,619	65,340
10/13/2011	59.3	30.32	0.97	1.51	1,630	53.2	13,450	1,043	8,480	47,300
10/20/2011	115.0	37.33	0.70	1.08	724	87.6	27,272	2,113	12,336	34,808
10/21/2011	139.0	35.61	0.67	1.04	731	95.0	28,217	2,124	11,868	38,081
10/22/2011	134.0	35.60	0.67	1.04	913	114.6	34,025	2,363	13,204	57,201
10/23/2011	144.0	35.52	0.66	1.02	1,370	106.7	31,613	2,536	13,959	79,602
10/24/2011	125.0	31.64	0.66	1.02	945	99.7	26,306	2,324	12,792	51,478
10/25/2011	116.0	20.82	0.63	0.97	866	86.1	14,950	1,364	7,167	40,759
10/26/2011	121.0	31.56	0.67	1.04	783	84.6	22,265	1,774	9,913	36,288
10/27/2011	106.0	33.18	0.67	1.04	789	94.2	26,067	2,109	11,785	40,711
10/28/2011	88.4	32.16	0.68	1.05	668	83.4	22,368	1,838	10,424	30,602
10/29/2011	90.4	32.44	0.69	1.07	1,060	83.4	22,567	1,955	11,250	48,264
10/30/2011	72.9	30.01	0.64	0.99	790	66.6	16,668	1,413	7,542	28,801
10/31/2011	64.9	30.90	0.68	1.05	961	58.9	15,177	1,201	6,811	30,931
DAILY MAX	144.0	37.33	1.01	1.56	2,660	114.6	34,025	2,536	13,959	79,602
AVERAGE	102.3	32.05	0.71	1.11	1,064	82.8	22,347	1,816	10,582	45,012



November, 2011



US EPA Region 10  
Director, Office of Compliance & Enforcement  
1200 Sixth Avenue, OCE-133  
Seattle, Washington 98101

**RE: NPDES # WA-002666-2, MONTHLY REPORT, OCTOBER 2011, ELWHA  
WATER TREATMENT PLANT**

Attn: PCS Data Entry Team

Enclosed is the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of October 2011. The report is being submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. A copy has been submitted to the Washington DOE.

Please contact me if there are any questions or comments regarding the enclosed forms.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Michael S. Greene'.

Michael S Greene  
District Manager

CC: Richard Bauman, BOR  
Tracy Gilchrist, NPS  
Jeff Bohman, NPS

Enclosures:

1. DMR, October, 2011; EPA Form 3320-1 (4 pages)